

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.
UTU-01191

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LP

3A. Address
PO BOX 173779, DENVER, CO 80123

3b. Phone No. (include area code)
(720) 929-6666

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SENW - 2059' FNL, 1825' FWL 634208X 39. 979540
At proposed prod. Zone 4426459Y -109. 428274

7. If Unit or CA Agreement, Name and No.
UNIT #891008900A

8. Lease Name and Well No.
NBU 1022-03FT

9. API Well No.
43047-40/49

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area
SEC 3-T10S-R22E

14. Distance in miles and direction from nearest town or post office*
9.4 +/- MILES SOUTH EAST OF OURAY, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)
1825'

16. No. of Acres in lease
1041.78

17. Spacing Unit dedicated to this well
40

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.
REFER TO
TOPO C

19. Proposed Depth
9050

20. BLM/BIA Bond No. on file
WYB-000291

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5119 GR

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized office.

25. Signature
Raleen White

Name (Printed/Typed)
RALEEN WHITE

Date
6/13/2008

Title
SR. REGULATORY ANALYST

Approved by (Signature)
Bradley G. Hill

Name (Printed/Typed)
BRADLEY G. HILL
Office ENVIRONMENTAL MANAGER

Date
06-18-08

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

RECEIVED
JUN 16 2008
DIV. OF OIL, GAS & MINING

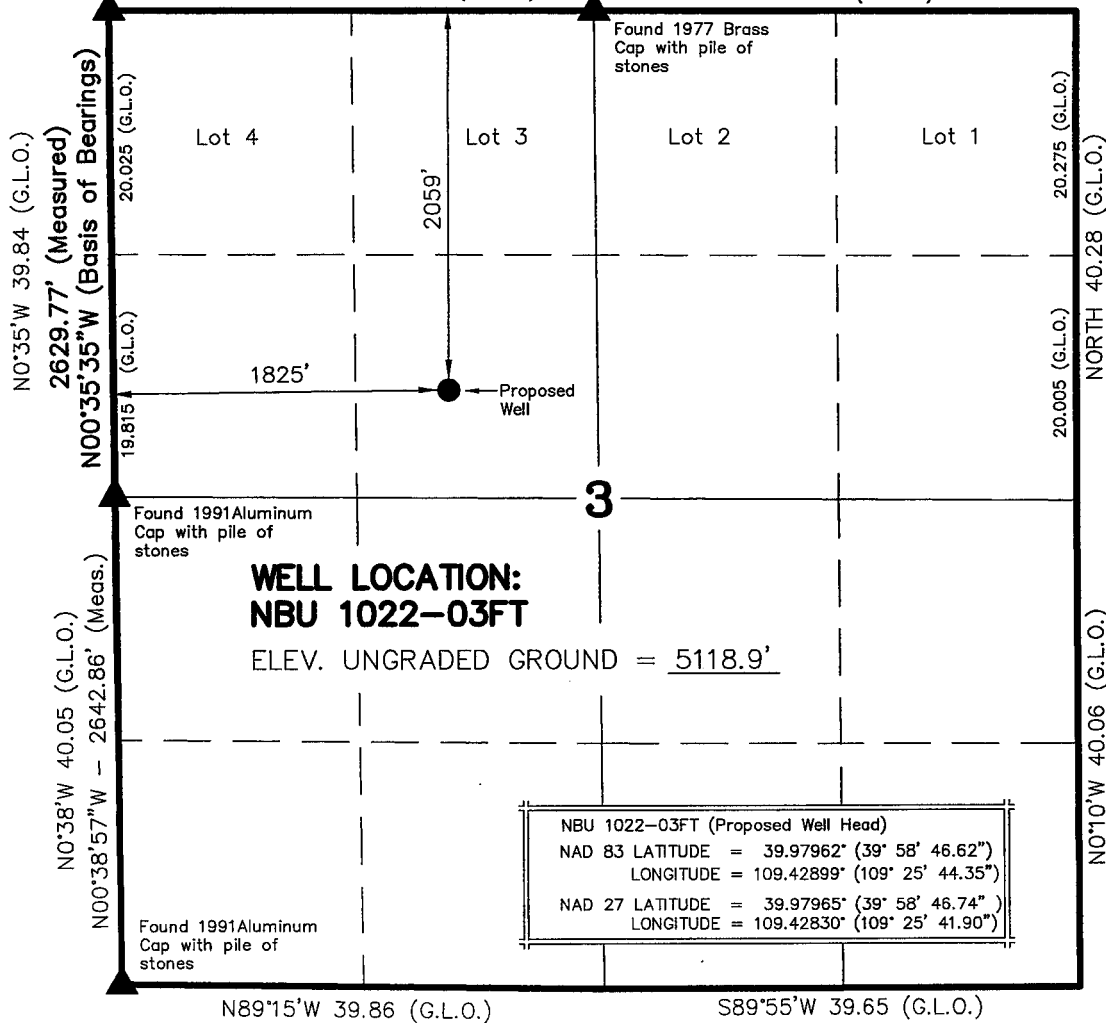
T10S, R22E, S.L.B.&M.

Found 1977
Brass Cap with
pile of stones

N89°56'E 40.10 (G.L.O.)

N89°58'50"E - 2646.48' (Meas.)

EAST 40.11 (G.L.O.)



NOTES:

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-03FT

WELL PLAT

2059' FNL, 1825' FWL

SE $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 3, T10S, R22E,
S.L.B.&M. UTAH COUNTY, UTAH.



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 362251
KOLBY R.
RAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 6-1-08	SURVEYED BY: B.J.S.	SHEET 2 OF 7
DATE DRAWN: 6-2-08	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

**NBU 1022-03FT
TWIN TO NBU 286
SENW Sec. 3, T10S,R22E
UINTAH COUNTY, UTAH
UTU-01191**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1296'
Birds Nest	1505'
Mahogany	2009'
Wasatch	4323'
Mesaverde	6708'
TD	9050'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1296'
Water	Birds Nest	1505'
Water	Mahogany	2009'
Gas	Wasatch	4323'
Gas	Mesaverde	6708'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9050' TD, approximately equals 5611 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3700 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP. Please see KMG sundry regarding variance request to Onshore Order #2 regarding Air drilling for surface casing

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE June 13, 2008
 WELL NAME NBU 1022-03FT TD 9,050' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,072' GL KB 5,087'
 SURFACE LOCATION SENW - SEC. 3, T10S, R22E - 2059' FNL, 1825' FWL BHL Straight Hole
 Latitude: 39.979650 Longitude: 109.428300
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: UDOGM (SURF & MINERALS), BLM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 36#, J-55, LTC	Air mist
Catch water sample, if possible, from 0 to 4,323'					
	Green River @	1,296'			
	Top of Birds Nest Water @	1505'			
	Mahogany @	2,009'			
	Preset f/ GL @				
	2,080' MD				
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD					
Open hole logging program f/ TD - surf csg					
	Wasatch @	4,323'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-10.0 ppg
	Mverde @	6,708'			
	MVU2 @	7,659'			
	MVL1 @	8,226'			
					Max anticipated Mud required
	TD @	9,050'			10.0 ppg



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				3520	2020	453000
SURFACE	9-5/8"	0 to 2080	36.00	J-55	LTC	1.30	2.08	7.70
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9050	11.60	I-80	LTC	2.87	1.35	2.19

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2715 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+ .25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,820'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	420	60%	11.00	3.38
	TAIL	5,230'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1460	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

**NBU 1022-03FT
TWIN TO NBU 286
SENW, SEC. 3, T10S, R22E, SLB&M
UINTAH COUNTY, UTAH
UTU-01191**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

No new access road is proposed. Refer to Topo Map B.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Utilizing existing pipeline.

Variances to Best Management Practices (BMPs) Requested:

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility Sec. 36, T9S, R20E, Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

Upon reclamation of the pit the operator will utilize the same seed mix approved for the NBU 165. Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface and Mineral Ownership:

The well pad, access road, pipeline and mineral ownership are listed below:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

13. Other Information:

A Class III archaeological survey, T&E Clearance and a paleontological survey have been performed and will be sent to the BLM with a form letter

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Raleen White
Sr. Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO
(720) 929-6666

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

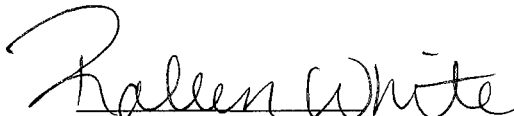
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WYB000291.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Raleen White

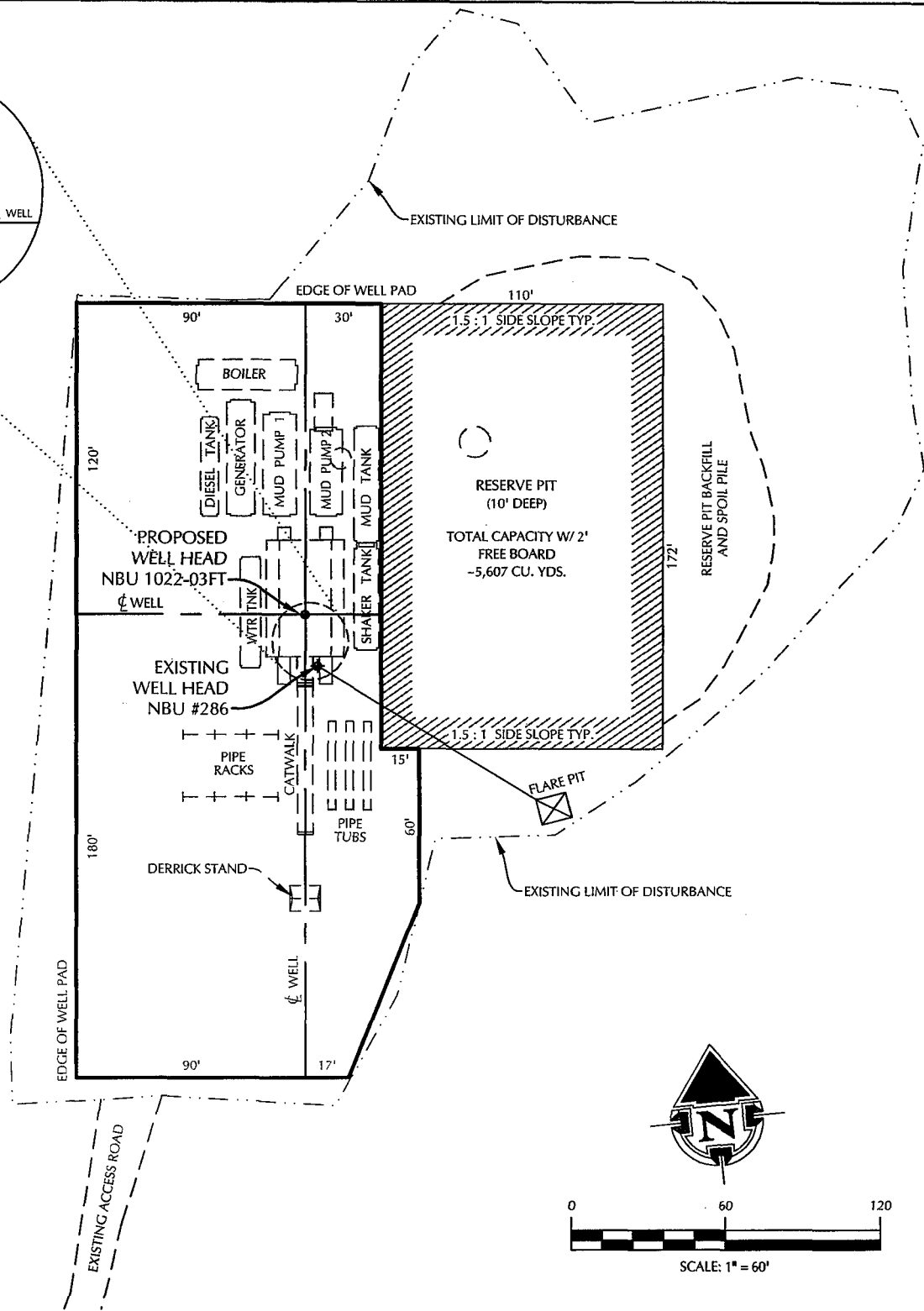
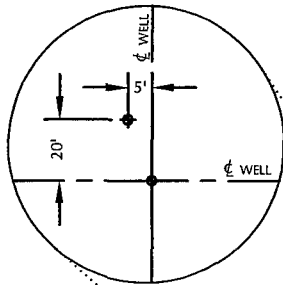
6/13/2008

Date

Kerr-McGee Oil & Gas Onshore, LP
NBU #1022-03FT
SECTION 3, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH, ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.2 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 16.5 MILES TO OURAY, UTAH; PROCEED FROM OURAY, UTAH, IN A SOUTHERLY DIRECTION ON STATE HIGHWAY 88 APPROXIMATELY 9.4 MILES TO THE JUNCTION OF STATE HIGHWAY 88 AND SEEP RIDGE ROAD; EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND GLEN BENCH ROAD; EXIT LEFT AND PROCEED IN AN EASTERLY DIRECTION FOR APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND BITTER CREEK ROAD; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO SOUTHEASTERLY FOR APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION, GRADUALLY CHANGING TO NORTHEASTERLY APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION, GRADUALLY CHANGING TO NORTHERLY APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION, GRADUALLY CHANGING TO EASTERLY APPROXIMATELY 0.4 MILES TO THE PROPOSED NBU 1022-03FT WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH, TO THE PROPOSED NBU 1022-03FT WELL LOCATION IS APPROXIMATELY 55.4 MILES.



**KERR-MCGEE OIL & GAS
ONSHORE, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-03FT
LOCATION LAYOUT
2,059' FNL - 1,825' FWL
SE1/4NW1/4, SEC. 3, T.10S., R.22E.
S.L.B. & M., UINTAH COUNTY, UTAH**



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

NOTES:

1. FLARE PIT IS TO BE LOCATED A MIN. OF 100' FROM THE WELL HEAD
2. ELEVATION BASED ON TRI-STA "TWO WATERS" LOCATED IN THE NW1/4 OF SEC. 1, T.10S., R.21E., S.L.B. & M. (THE ELEVATION OF THIS TRI-STA IS SHOWN ON THE BIG PACK MTN. NE 7.5 MIN. QUADRANGLE AS BEING 5,238')
3. NBU 1022-03FT EXISTING GROUND ELEVATION = 5,118.9'

Scale: 1"=60'	Date: 6/6/08	SHEET NO:
REVISED:	BY DATE	3 3 OF 7

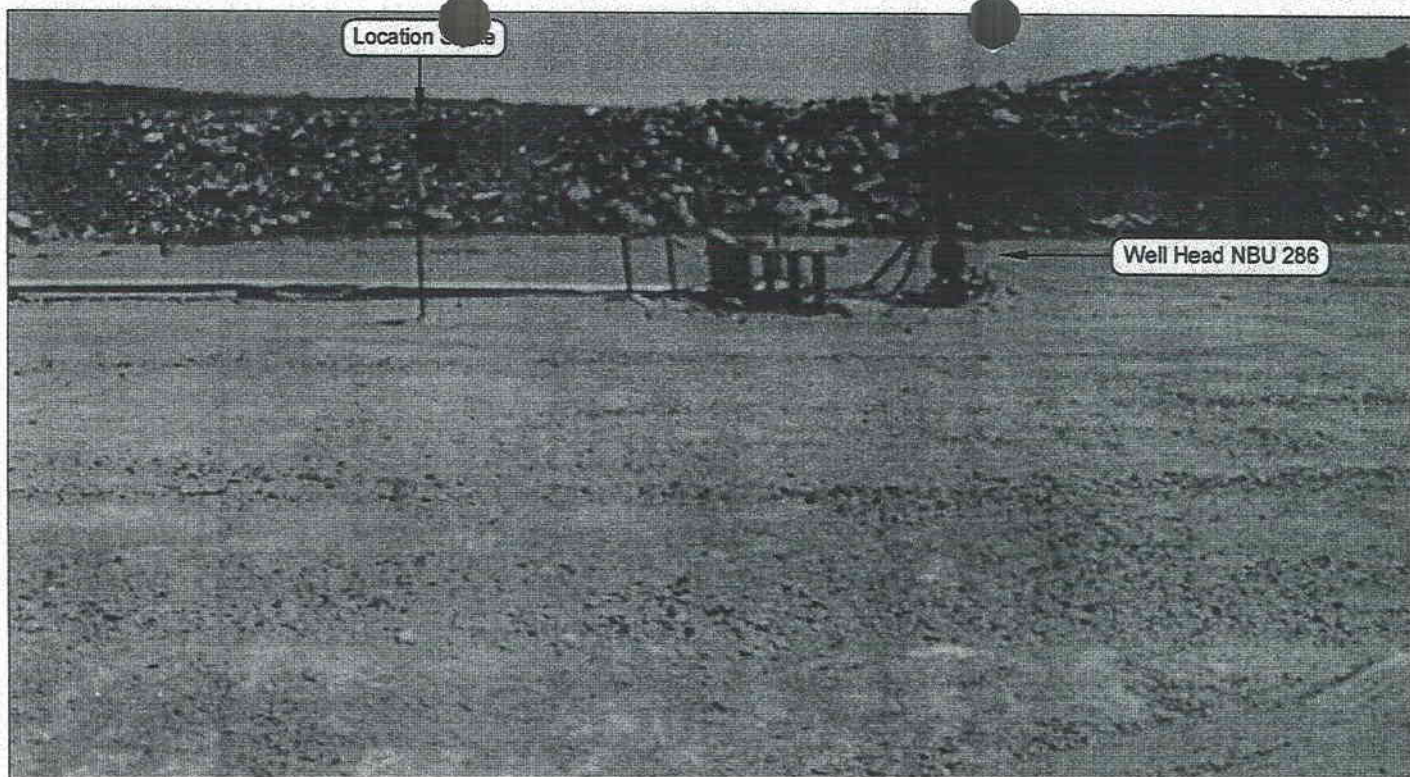


PHOTO VIEW: LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

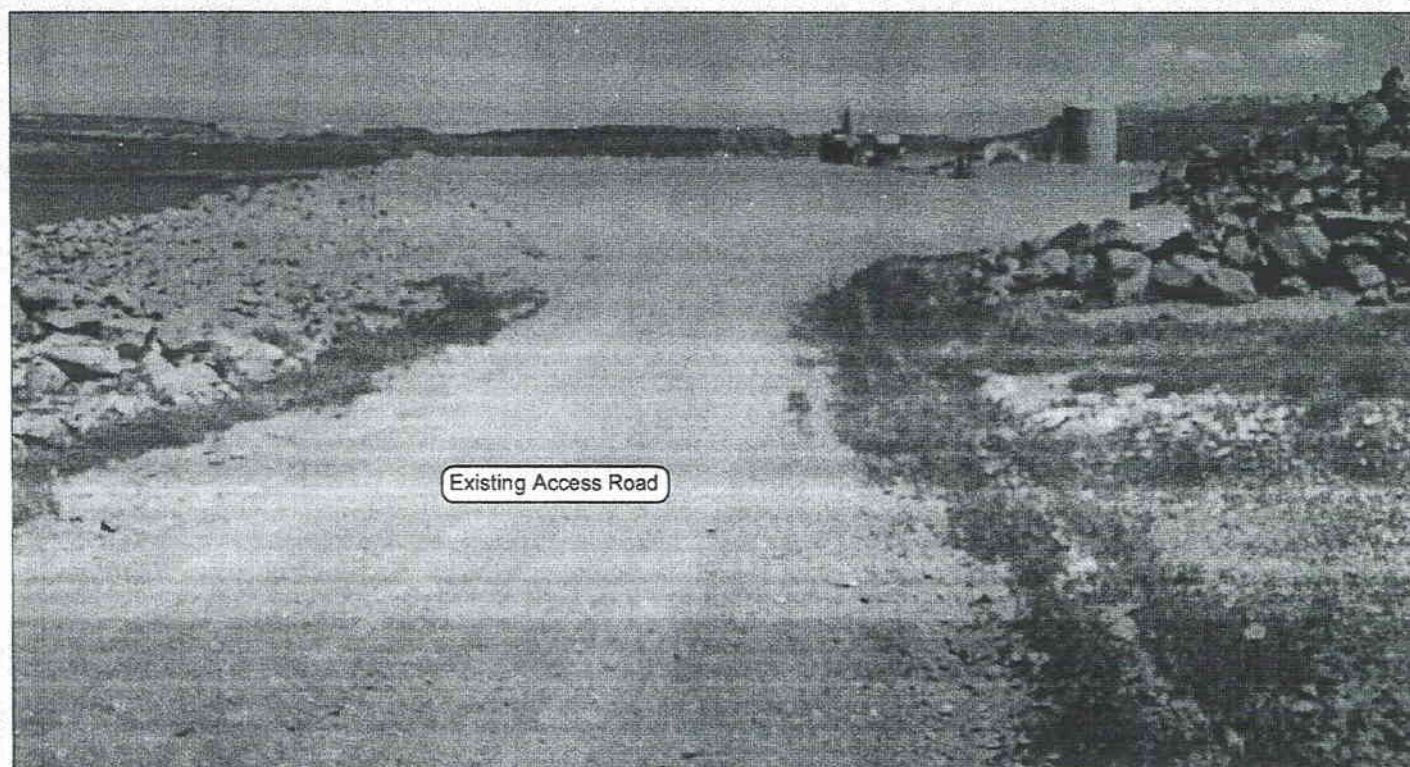


PHOTO VIEW: EXISTING ACCESS ROAD

CAMERA ANGLE: NORTHEASTERLY

**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street, Suite 1200 - Denver, Colorado 80202

**NBU 1022-03FT
2059' FNL, 1825' FWL
SE 1/4 NW 1/4 OF
SECTION 3, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH.**



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: B.R.B.

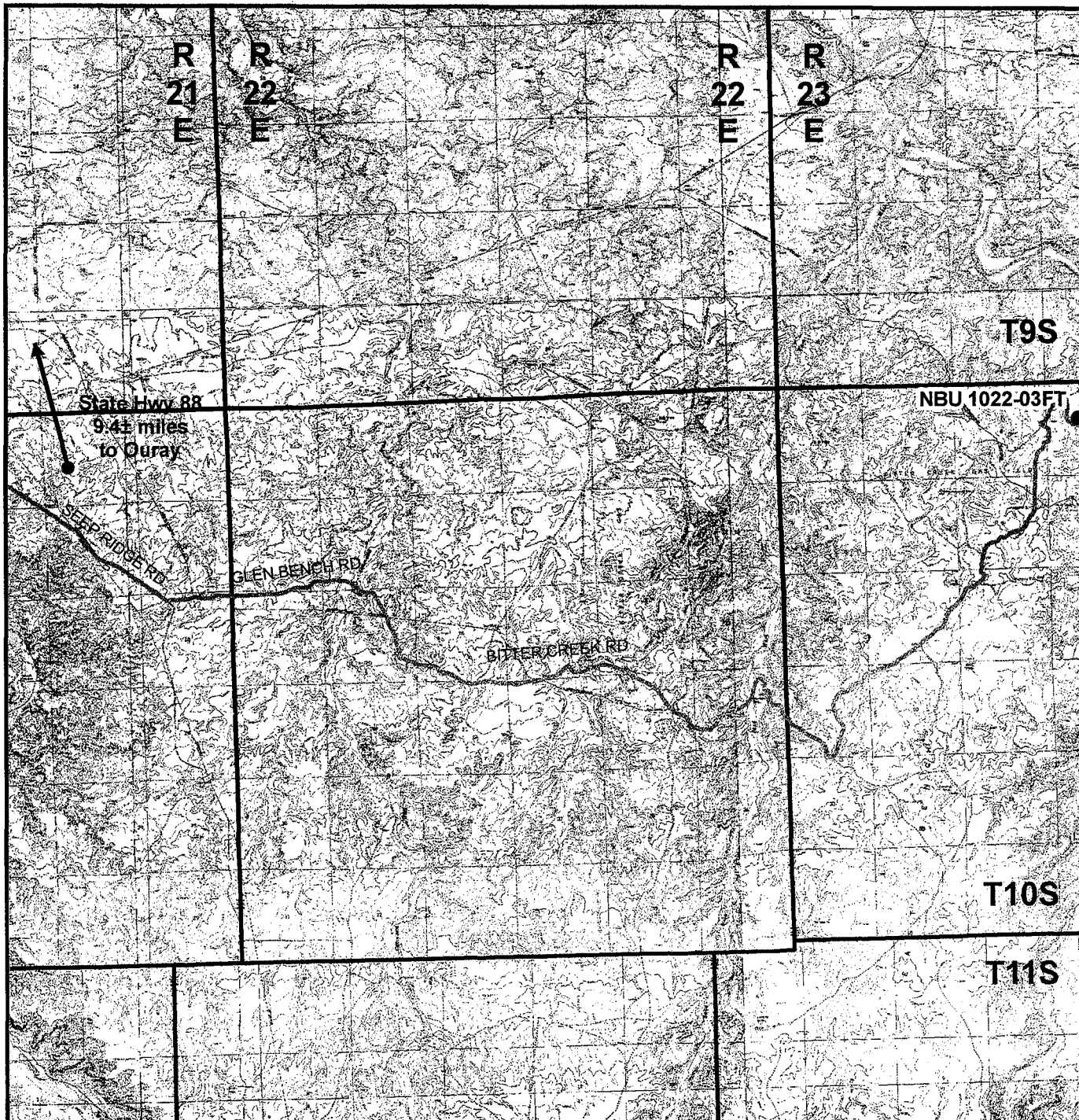
DATE TAKEN: 06-01-08

DATE DRAWN: 06-03-08

REVISED:

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

**SHEET
4
OF 7**



Legend

- Proposed NBU 1022-03FT Well Location

Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-03FT

Topo A

2059' FNL, 1825' FWL

SE 1/4 NW 1/4, Section 3, T10S, R22E

S.L.B.&M., Uintah County, Utah

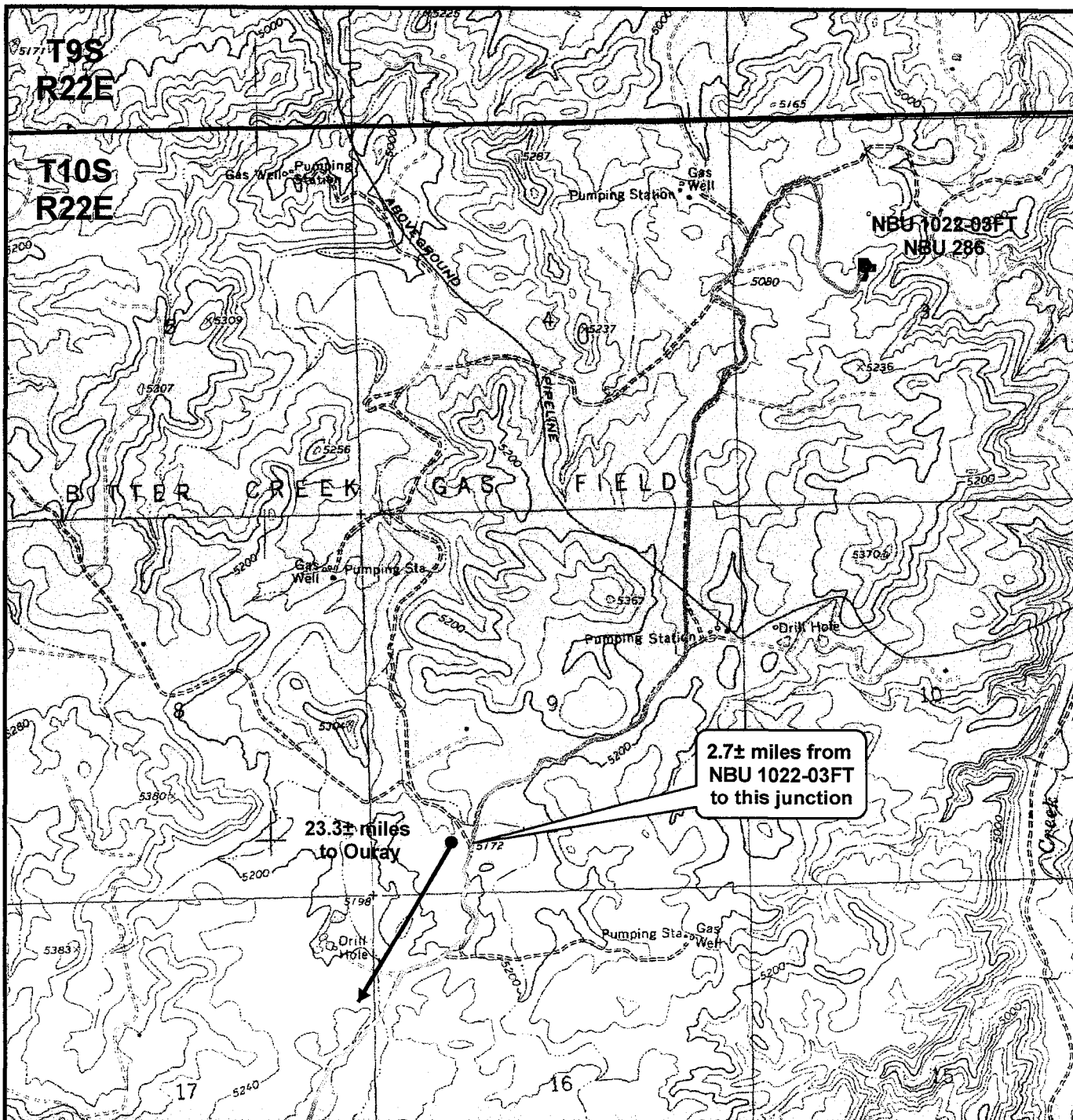


CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182



Scale: 1:100,000	NAD83 US P Centra	Sheet No:
Drawn: JELo	Date: 6 June 2008	5
Revised:	Date:	

5 of 7



Legend

- Proposed NBU 1022-03FT Well Location

Existing Access Roads

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-03FT
Topo B
2059' FNL, 1825' FWL
SE ¼ NW¼, Section 3, T10S, R22E
S.L.B.&M., Uintah County, Utah



CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 673-0036
Fax (307) 674-0182



Scale: 1" = 2000ft	NAD83 US P Centra	Sheet No:
Drawn: JELO	Date: 6 June 2008	6
Revised:	Date:	

6 of 7

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/16/2008

API NO. ASSIGNED: 43-047-40149

WELL NAME: NBU 1022-03FT

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6666

CONTACT: RALEEN WHITE

PROPOSED LOCATION:

SENW 03 100S 220E

SURFACE: 2059 FNL 1825 FWL

BOTTOM: 2059 FNL 1825 FWL

COUNTY: UINTAH

LATITUDE: 39.97954 LONGITUDE: -109.4283

UTM SURF EASTINGS: 634208 NORTHINGS: 4426459

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01191

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB-000291)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: NATURAL BUTTES
____ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 1123-14
Eff Date: 12-2-1999
Siting: 460' from undrg & uncomm. trans
____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____



June 9, 2008

Utah Division of Oil, Gas & Mining
1594 W. North Temple, STE 1210
Salt Lake City, UT 84114-5801

Attention: Diana Mason

RE: Twin Locations

Dear Diana:

Per our email correspondences on June 6, 2008 Kerr-McGee Oil & Gas Onshore LP is submitting this letter regarding our twin program. We have several wells that plan to twin in the next few years. Our plan is to drill a second well bore to the Mesaverde formation. The currently producing wells are producing from the Wasatch formation and many will be plugged prior to drilling the Mesaverde well. Below is a current list of locations that we plan to drill a twin Mesaverde well.

✓Wissiuip 820-36PT	Twin to the Wissiuip 36-114	NBU 1022-3FT	Twin to the NBU 286
✓Federal 821-33MT	Twin to the Federal 33-93	NBU 1022-5BT	Twin to the NBU 140
NBU 920-15FT	Twin to the CIGE 22	NBU 1022-5IT	Twin to the NBU 338
NBU 921-26IT	Twin to the NBU 68-N2	NBU 1022-8IT	Twin to the CIGE 250
NBU 921-30FT	Twin to the NBU 261	NBU 1022-9AT	Twin to the NBU 291
NBU 921-31BT	Twin to the NBU 378	NBU 1022-10HT	Twin to the NBU 293
NBU 921-35AT	Twin to the CIGE 54D	NBU 1022-10FT	Twin to the NBU 248
NBU 922-31CT	Twin to the NBU 354	✓NBU 921-03BT	Twin to SHOYO 3-162
✓NBU 922-31GT	Twin to the CIGE 220	✓NBU 921-20IT	Twin to CIGE 70
NBU 922-32O1T	Twin to the NBU 404	NBU 921-27MT	Twin to NBU 395
NBU 922-32F3T	Twin to the CIGE 106D	NBU 921-27OT	Twin to NBU 305
NBU 922-35IT	Twin to the CIGE 118	✓NBU 921-15MT	Twin to NBU 191
NBU 922-36NT	Twin to the CIGE 147	NBU 921-27HT	Twin to NBU 109
✓NBU 1022-1CT	Twin to the CIGE 105D	NBU 921-27KT	Twin to NBU 83J
NBU 921-27LT	Twin to NBU 214		

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JUN 11 2008



NBU 1022-4N4T	Twin to NBU 148
NBU 922-31L4T	Twin to NBU 41J
NBU 1022-4L1T	Twin to NBU 147
NBU 1022-9F4T	Twin to NBU 150
NBU 1022-4P1T	Twin to NBU 208
NBU 1022-9D1T	Twin to NBU 151
NBU 1022-3G3T	Twin to NBU 185
NBU 1022-10A2T	Twin to NBU 117
NBU 921-11B3T	Twin to NBU 195
NBU 921-21E4T	Twin to NBU 127
NBU 921-8A4T	Twin to NBU 202

The above lists of well locations are planned for the 2008-2009 drilling program. This list may vary depending on the program. Please do not hesitate to call me if you have any further questions or need additional information.

Thank you,

A handwritten signature in cursive script that reads 'Raleen White'.

Raleen White
Sr. Regulatory Analyst

Cc: SITLA – Ed Bonner
BLM Vernal Office – Verlyn Pindell

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 18, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-40146	NBU 922-29LT	Sec 29 T09S R22E 1978 FSL 0957 FWL
43-047-40147	NBU 922-32AT	Sec 32 T09S R22E 0457 FNL 0113 FEL
43-047-40148	NBU 922-32BT	Sec 32 T09S R22E 0701 FNL 2116 FEL
43-047-40149	NBU 1022-03FT	Sec 03 T10S R22E 2059 FNL 1825 FWL
43-047-40150	NBU 1022-03CT	Sec 03 T10S R22E 0715 FNL 1777 FWL
43-047-40151	NBU 1022-04HT	Sec 04 T10S R22E 2015 FNL 0566 FEL
43-047-40152	NBU 1022-04AT	Sec 04 T10S R22E 0544 FNL 1278 FEL
43-047-40153	NBU 1022-05JT	Sec 05 T10S R22E 2203 FSL 2319 FEL
43-047-40154	NBU 1022-05IT	Sec 05 T10S R22E 2288 FSL 0691 FEL
43-047-40155	NBU 1022-05BT	Sec 05 T10S R22E 1028 FNL 1886 FEL
43-047-40156	NBU 1022-06ET	Sec 06 T10S R22E 2475 FNL 0628 FWL
43-047-40157	NBU 1022-06FT	Sec 06 T10S R22E 2108 FNL 1669 FWL
43-047-40158	NBU 1022-06DT	Sec 06 T10S R22E 0162 FNL 0311 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2008

Kerr-McGee Oil & Gas Onshore LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 1022-03FT Well, 2059' FNL, 1825' FWL, SE NW, Sec. 3, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40149.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number NBU 1022-03FT
API Number: 43-047-40149
Lease: UTU-01191

Location: SE NW **Sec.** 3 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

RECEIVED
VERNAL FIELD OFFICE

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2008 JUN 14 PM 10 20

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

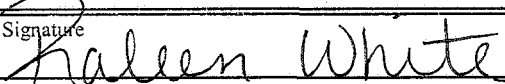
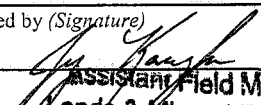
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-01191
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. UNIT #891008900A
3A. Address PO BOX 173779, DENVER, CO 80123	3b. Phone No. (include area code) (720) 929-6666	8. Lease Name and Well No. NBU 1022-03FT
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW - 2059' FNL, 1825' FWL At proposed prod. Zone		9. API Well No. 43 047 4049
10. Field and Pool, or Exploratory NATURAL BUTTES		11. Sec., T., R., M., or Blk. and Survey or Area SEC 3-T10S-R22E
14. Distance in miles and direction from nearest town or post office* 9.4 +/- MILES SOUTH EAST OF OURAY, UTAH		12. County or Parish UINTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1825'		13. State UT
16. No. of Acres in lease 1041.78		17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		20. BLM/BIA Bond No. on file WYB-000291
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5119 GR		22. Approximate date work will start* UPON APPROVAL
		23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) RALEEN WHITE	Date 6/13/2008
Title SR. REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) JERRY KEVICK	Date NOV 19 2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

~~NOS~~ apd posted 6/25/08
AFMSS# 08PPO9.3117

NOTICE OF APPROVAL

RECEIVED

NOV 24 2008

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore, LP
Well No: NBU 1022-03FT
API No: 43-047-40149

Location: SENW, Sec. 3, T10S, R22E
Lease No: UTU-01191
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

None

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Kerr McGee's Standard Operating Practices (SOP version: dated 7/17/08 and approved 7/28/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Kerr McGee Oil & Gas Standard Operating Procedures (SOP version: July 28, 2008). The operators drilling plan items 3 to 9 reference the SOP. Kerr McGee shall adhere to the referenced requirements in the SOP. Kerr McGee and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Production casing cement shall be brought up and into the surface casing. Production casing minimum cement top is 1200 ft. The minimum cement top is approximately 800 ft above the surface casing shoe.
Cmnt Top (TOC) standard will place cmnt behind casing across formation lost circulation zone, Birds Nest Zone.
COA specification fulfills operators performance standard stated in APD (where operators toc is calc'd with an excess to reach surface).
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU01191
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE LP Contact: KATHY SCHNEEBECK DULNOAN Email: kathy.schneebeckdulnoan@anadarko.com		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 173779 DENVER, CO 80123	3b. Phone No. (include area code) Ph: 720-929-6007 Fx: 720-929-7007	7. If Unit or CA/Agreement, Name and/or No. 891008900A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T10S R22E SENW 2059FNL 1825FWL 39.97954 N Lat, 109.42828 W Lon		8. Well Name and No. NBU 1022-03FT
		9. API Well No. 43-047-40149
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a change to the surface location of this well to accomodate the new drilling rigs.

The surface location is changing FROM: 2059' FNL 1825' FWL TO: 2099' FNL 1823' FWL
39.979432 109.428287

Please see the attached revised survey plats and interference diagram reflecting this change in surface location. All other information remains the same, including the amount of disturbance.

If you have any questions, please contact the undersigned. Thank you.

**Federal Approval of this
Action is Necessary**

COPY SENT TO OPERATOR

Date: 4-14-2009

Initials: KS

14. I hereby certify that the foregoing is true and correct. Electronic Submission #68695 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE LP, sent to the Vernal	
Name (Printed/Typed) KATHY SCHNEEBECK DULNOAN	Title STAFF REGULATORY ANALYST
Signature <i>Kathy Schneebeck Dulnoan</i> (Electronic Submission)	Date 04/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Bradley G. Hill</i>	Title BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 04-09-09
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED

APR 09 2009

DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M.

Found 1977
Brass Cap with
pile of stones

N89°56'E 40.10 (G.L.O.)
N89°58'50"E - 2646.48' (Meas.)

EAST 40.11 (G.L.O.)

Found 1977 Brass
Cap with pile of
stones

N0°35'W 39.84 (G.L.O.)
2629.77' (Measured)
N00°35'35"W (Basis of Bearings)
19.815 (G.L.O.)

N0°38'W 40.05 (G.L.O.)
N00°38'57"W - 2642.86' (Meas.)

Found 1991 Aluminum
Cap with pile of
stones

**WELL LOCATION:
NBU 1022-03FT**

ELEV. UNGRADED GROUND = 5118.9'

NBU 1022-03FT (Proposed Well Head)
NAD 83 LATITUDE = 39.979506° (39° 58' 46.222")
LONGITUDE = 109.428992° (109° 25' 44.373")
NAD 27 LATITUDE = 39.979541° (39° 58' 46.347")
LONGITUDE = 109.428310° (109° 25' 41.915")

Found 1991 Aluminum
Cap with pile of
stones

N89°15'W 39.86 (G.L.O.)

S89°55'W 39.65 (G.L.O.)

20.025 (G.L.O.)
20.275 (G.L.O.)
20.005 (G.L.O.)
NORTH 40.28 (G.L.O.)
N0°10'W 40.06 (G.L.O.)

NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.
- 4. Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street, Suite 1200 - Denver, Colorado 80202

NBU 1022-03FT

WELL PLAT

2099' FNL, 1823' FWL

**SE ¼ NW ¼ OF SECTION 3, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.**

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF LAND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 362251
KOLBY R.
REGISTERED LAND SURVEYOR
REGISTRATION STATE OF UTAH
STATE OF UTAH

TIMBERLINE

(435) 789-1365

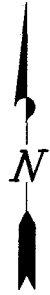
ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 6-1-08	SURVEYED BY: B.J.S.	SHEET 2 OF 7
DATE DRAWN: 6-2-08	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised: 03-18-09	

WELL PAD INTERFERENCE PLAT

NBU 1022-03FT



LATITUDE & LONGITUDE

Surface Position - (NAD 83)

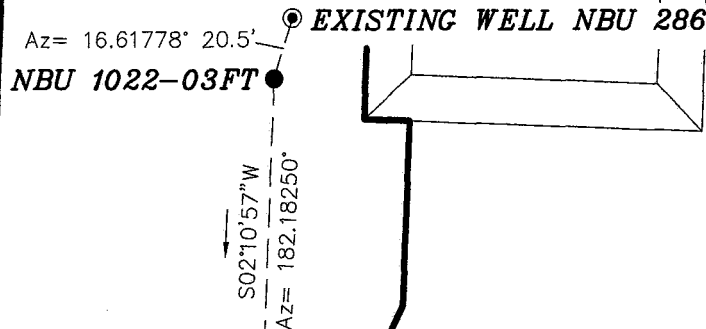
WELL	N. LATITUDE	W. LONGITUDE
1022-03FT	39°58'46.222" 39.979506°	109°25'44.373" 109.428992°
Existing Well NBU 286	39°58'46.418" 39.979561°	109°25'44.299" 109.428972°

BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 3, T10S, R22E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°35'35"W.

LATITUDE & LONGITUDE

Surface Position - (NAD 27)

WELL	N. LATITUDE	W. LONGITUDE
1022-03FT	39°58'46.347" 39.979541°	109°25'41.915" 109.428310°
Existing Well NBU 286	39°58'46.542" 39.979595°	109°25'41.842" 109.428289°



SURFACE FOOTAGES:

NBU 1022-03FT
2099' FNL & 1823' FWL

NBU 286 (Existing Well Head)
2079' FNL & 1829' FWL



SCALE

Kerr-McGee
Oil & Gas Onshore, LP

1099 18th Street - Denver, Colorado 80202

NBU 1022-03FT
LOCATED IN SECTION 3, T10S, R22E,
S.L.B.&M. UINTAH COUNTY, UTAH.



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

DATE SURVEYED: 06-01-08

DATE DRAWN: 11-17-08

SURVEYED BY: B.J.S.

DRAWN BY: M.W.W.

REVISED: 03-18-09

Timberline

Engineering & Land Surveying, Inc.
209 NORTH 300 WEST VERNAL, UTAH 84078

(435) 789-1365

SHEET
2b
OF 7

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000			
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: Uintah		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/12/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.					
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining </div>		Date: June 10, 2009 By:			
NAME (PLEASE PRINT) Danielle Piernot		PHONE NUMBER 720 929-6156			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 6/9/2009					



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401490000

API: 43047401490000

Well Name: NBU 1022-03FT

Location: 2099 FNL 1823 FWL QTR SENW SEC 03 TWP 100S RNG 220E MER S

Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date Original Permit Issued: 6/18/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Danielle Piernot

Date: 6/9/2009

Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: June 10, 2009

By: 

RECEIVED June 09, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/9/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. FINISHED DRILLING FROM 2330' TO 8793' ON 10/7/2009. RAN 4-1/2" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBLS WATER SPACER. LEAD CMT W/490 SX CLASS G PREMIUM LITE @ 11.8 PPG, 2.42 YIELD. TAILED CMT W/1330 CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.31 YIELD. DROP PLUG & DISPLACEMENT. BUMPED PLUG @ 3212, FINAL LIFT PSI OF 2550. PARTIAL RETURNS THROUGHOUT JOB. 4 BBLS CMT TO PITS BEFORE LOST RETURNS W/1.5 BACK TO TRUCK. N/D BOPE, CLEAN PITS. RELEASE PIONEER 69 RIG ON 10/9/2009 AT 06:00 HRS.		
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 12, 2009 </div>		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/12/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/16/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
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	<input type="checkbox"/> FRACTURE TREAT	
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	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS PLACED ON PRODUCTION ON 11/16/2009 AT 2:40 P.M. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 17, 2009		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/17/2009	

UTAH REGION Operation Summary Report

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009		Spud Date: 7/6/2009	
Project: UTAH-UINTAH		Site: NBU 286 PAD			Rig Name No: PIONEER 69/69, PROPETRO/
Event: DRILLING		Start Date: 2/26/2009		End Date: 10/9/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/6/2009	7:00 - 7:30	0.50	DRLSUR	10	B	P		SURVEY W/ MULTISHOT WIRELINE TOOL. 500'=.7 DEG, 189 RAW AZI, 200.29 CORRECTED AZI, SF= 11.020, CENTER TO CENTER 22.26
	7:30 - 14:00	6.50	DRLSUR	02	A	P		DRILL 510'- 750' W/ AIR HAMMER.
	14:00 - 14:30	0.50	DRLSUR	10	B	P		SURVEY 740'=.3 DEG, 257. RAW AZI, CORRECTED AZI 268.29 SF= 7.568, CENTER TO CENTER 23.46
	14:30 - 19:00	4.50	DRLSUR	02	A	P		DRILL 750'- 970' DRILL W/ AIR HAMMER. AIR HAMMER WATERED OUT.
	19:00 - 19:30	0.50	DRLSUR	10	B	P		SURVEY 960'=.2 DEG, 182.9 RAW AZI, CORRECTED AZI= 194.18, SF= 5.63, CENTER TO CENTER 23.30
	0:00 - 2:30	2.50	MIRU	01	B	P		MIRU PRO PETRO RIG # 9
	2:30 - 7:00	4.50	DRLSUR	02	A	P		AIR SPUD 7/6/2009 DRILL W/ HAMMER BIT AND AIR MIST F/ 40'- 510' WATER ZONE 470'
7/7/2009	19:30 - 22:30	3.00	DRLSUR	06	A	P		HOLD SAFETY MEETING AND INSPECT LIFTING HOOKS AND CABLES. TRIP OUT OF HOLE AND LAY DOWN HAMMER BIT, P/U TRICONE, 8" COLLARS AND 12- 6" COLLARS.
	22:30 - 0:00	1.50	DRLSUR	02	A	P		DRILL 970'- 1170' DRILL W/ TRICONE
	0:00 - 7:30	7.50	DRLSUR	02	A	P		DRILL 1050'- 1190' DRILL W/ TRICONE.CIRC W/ SKID PUMP AND AIR BOOSTER.
	7:30 - 8:00	0.50	DRLSUR	10	B	P		SURVEY 1100'=.4 DEG, 280.3 RAW AZI, CORRECTED AZI= 291.59. SF= 4.788', CENTER TO CENTER= 22.6'
	8:00 - 20:30	12.50	DRLSUR	02	A	P		DRILL 1190'-1440' DRILL W/ TRICONE CIRC W/ SKID PUMP AND AIR BOOSTER
	20:30 - 21:00	0.50	DRLSUR	10	B	P		SURVEY 1350'=.6 DEG, 268.1 RAW AZI, CORRECTED AZI OF 280.37. SF=3.567, CENTER TO CENTER=20.83.
	21:00 - 0:00	3.00	DRLSUR	02	A	P		DRILL 1440'- 1500' DRILL W/ TRICONE. CIRC W/SKID PUMP AND AIR BOOSTER. (NO CIRC W/ AIR)
7/8/2009	0:00 - 0:00	24.00	DRLSUR	02	A	P		DRILL 1500'-1900,
7/9/2009	0:00 - 11:00	11.00	DRLSUR	02	A	P		DRILL F/1900 2100
	11:00 - 15:00	4.00	DRLSUR	10	B	Z		WAIT ON SURVEY TOOL ,SURVEY
	15:00 - 0:00	9.00	DRLSUR	02	A	P		DRILL F/2100 TO 2200
7/10/2009	0:00 - 11:00	11.00	DRLSUR	02	A	P		DRILL F/2200 TO TD 2330,SURVEY
	11:00 - 17:00	6.00	DRLSUR	08	A	Z		REPAIR HYDRALIC HOSES
	17:00 - 20:00	3.00	DRLSUR	06	A	P		LDDP
	20:00 - 23:00	3.00	CSG	12	A	P		RUN 52 JTS 9.625 CSG TO 2288'
	23:00 - 0:00	1.00	CSG	12	E	P		CEMENT W/350 SX TAIL 15.8 LB 1.13 YLD,5 GAL/MIX,350 SX TOP OUT 15.8,1.13 YD,5 MIX
10/1/2009								RELEASE RIG #8 MIDNITE
	4:00 - 7:00	3.00	DRLPRO	01	E	P		RDRT
	7:00 - 13:00	6.00	DRLPRO	01	A	P		MOVE RIG 1/2 MILE TO NBU 1022-3FT, 5 BED TRUCKS, 2 HAUL TRUCK, 2 FORKLIFTS, 1 J&C CRANE, BOTH ON LOC @ 07:00 & LEFT @ 13:00
	13:00 - 20:00	7.00	DRLPRO	01	B	P		RURT
	20:00 - 22:00	2.00	DRLPRO	09	A	P		GHANGE OUT DRLG LINE
10/2/2009	22:00 - 0:00	2.00	DRLPRO	14	A	P		N/U BOPE, LOST ROT HEAD CLAMP NUT DOWN HOLE!
								N/U BOPE
	0:00 - 2:00	2.00	DRLPRO	14	A	P		

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Well: NBU 1022-3FT									
Spud Conductor: 7/2/2009									
Spud Date: 7/6/2009									
Project: UTAH-UINTAH				Site: NBU 286 PAD				Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING				Start Date: 2/26/2009				End Date: 10/9/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)				UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/L	MD From (ft)	Operation	
	2:00 - 6:30	4.50	DRLPRO	15	A	P		TEST BOPE, TEST RAMS & ALL VALVES 250 LOW 5000 HIGH, ANN 250-2500, CASING 1500 F/ 30 MINS, INSTALL WEAR BUSHING	
	6:30 - 10:30	4.00	DRLPRO	06	A	P		HPJSM W/ RIG & P/U CREWS, R/U & P/U MAGNET,BIT SUB,BHA, INSTALL ROT RUBBER & 56 JTS D/P,R/D L/D CREW	
	10:30 - 14:30	4.00	DRLPRO	19	A	Z		WORK MAGNET ON FISH & CEMENT	
	14:30 - 16:00	1.50	DRLPRO	19	A	Z		POOH W/ FISH, L/D MAGNET	
	16:00 - 18:00	2.00	DRLPRO	06	A	P		P/U BIT,MM & SCRIBE DIR TOOLS	
	18:00 - 19:30	1.50	DRLPRO	06	A	Z		TIH TO CEMENT @ 2245'	
	19:30 - 20:30	1.00	DRLPRO	02	F	P		DRLG CEMENT & F/E, OPEN HOLE TO 2344'SPUD WELL @ 20:30 10/2/09	
	20:30 - 0:00	3.50	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 2344 TO 2623' 279' @ 79.7' PER HR, CIRC RESERVE PIT W/ GEL & POLY SWEEPS, SLIDE'S 2404 TO 2419, 2499 TO 2509'	
10/3/2009	0:00 - 11:00	11.00	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 2623 TO 3730' 1107' @ 100.6' PER HR,CIRC RESERVE PIT, WOB 18, SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 120-100-110, ON/OFF 1300-950, DIFF 150-400, SLIDES 3163-3181, 3258-3273, 3542-3557, 3637-3653	
	11:00 - 11:30	0.50	DRLPRO	07	A	P		SERVICE RIG	
	11:30 - 0:00	12.50	DRLPRO	02	B	P		DRLG,SURVEY,SLIDE F/ 3730 TO 4902', 1172' @ 93.8' PH, CIRC RESERVE PIT, WOB 18, SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 135-115-123, ON OFF 1580-1185, DIFF 150-400, SLIDES 3827-3847, 3922-3940, 4397-4417, DEPTH ROT % 94.77, SLIDE 5.23, TIME % ROT 88.32, SLIDE 11.68	
10/4/2009	0:00 - 14:30	14.50	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 4902 TO 6135', 1233' @ 85' PH, CIRC RESERVE PIT,WOB 18,SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 140-130-135 ON/OFF1650-1350 DIFF 150-400 SLIDES 5249-5264, 6009-6029	
	14:30 - 15:00	0.50	DRLPRO	07	A	P		SERVICE RIG	
	15:00 - 0:00	9.00	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 6135 TO 6546', 411' @ 45.6' PH, CIRC RESERVE PIT, WOB 18-20, SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 166-135-150, ON/OFF 1750-1372, DIFF 200-400, SLIDES 6390-6405	
10/5/2009	0:00 - 13:30	13.50	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 6546 TO 7368, 822' @ 60.8' PH, MW 9.0, VIS 32, WOB 22, SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 165-140-155, ON/OFF 2100-1850, DIFF 150-300, SLIDES 7052-7067, 7147-7162	
	13:30 - 14:00	0.50	DRLPRO	07	A	P		SERVICE RIG	
	14:00 - 0:00	10.00	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 7368 TO 7692', 325' @ 32.4' PH, MW 10, VIS 37, WOB 22-24, SPM 125, GPM 473, RPM 50, MM 98, PU/SO/ROT 170-142-155, ON/OFF 2225-2000, DIFF 150-300, SLIDES 7527-7544, 7589-7609	
10/6/2009	0:00 - 3:30	3.50	DRLPRO	02	B	P		DRLG,SLIDE,SURVEY F/ 7692 TO 7736', 44' @ 12.5' PH, MW 10, VIS 37, WOB 24, RPM 50, MM 98, SPM 125, GPM 473, PU/SO/ROT 170-142-155, ON/OFF 2225-2000, DIFF 150-300, SLIDES 7605-7621, 7716-7729	
	3:30 - 4:00	0.50	DRLPRO	05	C	P		CIRC & COND HOLE BUILD PIILL F/ TRIP	
	4:00 - 11:00	7.00	DRLPRO	06	A	P		TFNB, TIGHT SPOT @ 4480, CHANGE BITS,TIH TO SHOE	

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US PRODUCTION SERVICE OPERATION SUMMARY REPORT

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009		Spud Date: 7/6/2009	
Project: UTAH-UINTAH		Site: NBU 286 PAD		Rig Name No: PIONEER 69/69, PROPETRO/	
Event: DRILLING		Start Date: 2/26/2009		End Date: 10/9/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Log Code	PU	MD From (ft)	Operation
10/7/2009	11:00 - 15:30	4.50	DRLPRO	06	H	Z		POOH, REPLACE ANTENIA ON MWD TOOL, TIH TO SHOE
	15:30 - 16:30	1.00	DRLPRO	06	A	P		TIH TO 4430, KELLY UP & REAM TIGHT SPOT @ 4480'
	16:30 - 18:00	1.50	DRLPRO	06	A	P		TIH
	18:00 - 19:00	1.00	DRLPRO	03	D	P		WASH & REAM 55' TO BOTTOM W/ 15' FILL
	19:00 - 0:00	5.00	DRLPRO	02	B	P		DRLG, SURVEY, SLIDE F/ 7736 TO 7910', MW 11, VIS 40, WOB 18, RPM 40, MM 78, SPM 110, GPM 416, PU/SO/ROT 175-159-165, ON/OFF 2150-1920, DIFF 150-250, SLIDES 7812-7827
	0:00 - 14:00	14.00	DRLPRO	02	B	P		DRLG, SLIDE SURVEY F/ 7910 TO 8602', 692' @ 49.4' PH, MW 11.6, VIS 43, WOB 18, RPM 40, MM 87, SPM 110, GPM 416, PU/SO/ROT 195-175-185, ON/OFF 2350-2150, DIFF 150-200, SLIDES 8222-8230, 8318-8330
	14:00 - 14:30	0.50	DRLPRO	07	A	P		SERVICE RIG
	14:30 - 18:00	3.50	DRLPRO	02	B	P		DRLG F/ 8602 TO 8793', 191' @ 54.6' PH, MW 11.8, VIS 43, WOB 18, RPM 40, MM 87, SPM 110, GPM 416, PU/SO/ROT 200-180-190, ON/OFF 2350-2150, DIFF 150-250, TD WELL @ 18:00 10/7/09
	18:00 - 19:30	1.50	DRLPRO	05	C	P		CIRC & COND HOLE F/ SHORT TRIP TO SHOE, LOST CIRC 1 HR IN CIRC MIX SAWDUST SWEEP GAIN BACK RETURNS, LOST 75 BBLS TO FORMATION
	19:30 - 0:00	4.50	DRLPRO	06	E	P		SHORT TRIP TO SHOE, TIGHT @ 7728 & 6500 OUT GOOD ON TIH
10/8/2009	0:00 - 1:00	1.00	DRLPRO	06	E	P		FINISH SHORT TRIP
	1:00 - 3:00	2.00	DRLPRO	05	C	P		CIRC & COND HOLE F/ LDDS & LOGS
	3:00 - 10:00	7.00	DRLPRO	06	A	P		HPJSM W/ RIG & L/D CREWS, R/U & LDDP, BREAK KELLY, L/D BHA & DIR TOOLS, PULL WEAR BUSHING, R/D
	10:00 - 16:00	6.00	DRLPRO	11	C	P		HPJSM W/ RIG & LOGGERS, R/U & RUN TRIPLE, BRIDGED OUT @ 7212', LOG OUT, R/D
	16:00 - 21:30	5.50	DRLPRO	12	C	P		HPJSM W/ RIG & CASING CREWS, R/U & RUN 208 JTS I-80 11.6# I-80 BTC TO 8790, R/D, FLOAT @ 8747'
	21:30 - 23:00	1.50	DRLPRO	05	D	P		CIRC OUT GAS TO CEMENT
10/9/2009	23:00 - 0:00	1.00	DRLPRO	12	E	P		HPJSM W/ RIG & CEMENT CREWS, R/U & TEST LINES TO 5000, POP OFF TO 4000, PUMP 40 BBLS WATER SPACER, LEAD 490 SXS-11.8 PPG, 2.42 YLD, TAIL 1330 SXS 14.3 PPG 1.31 YLD, DROP PLUG & DISPLACE W/ 136 BBLS CLAYTREAT WATER, LOST RETURNS 120 BBLS INTO DISPLACEMENT, BUMPED PLUG @ 3212, FINAL LIFT PSI OF 2550, PARTIAL RETURNS THOUGH OUT JOB, 4 BBLS CEMENT TO PITS BEFORE LOST RETURNS W/ 1.5 BACK TO TRUCK,
	0:00 - 2:00	2.00	DRLPRO	12	E	P		FINISH CEMENTING PROD CASING, LAND CASING W/ 50K, L/D LANDING JT
	2:00 - 6:00	4.00	DRLPRO	14	A	P		N/D BOPE, CLEAN PITS, RELEASE RIG @ 10/9/09

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Operation Summary Report

Well: NBU 1022-3FT	Spud Conductor: 7/2/2009	Spud Date: 7/6/2009
Project: UTAH-UINTAH	Site: NBU 286 PAD	Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 11/9/2009	End Date: 11/14/2009
Active Datum: RKB @5,137.00ft (above Mean Sea Level)	UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
10/26/2009	-							
11/10/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING #2, DAY 2
	7:15 - 12:00	4.75	COMP	30	A	P		ROAD RIG FROM NBU 293 TO LOC, MIRU, N/D WH, N/U FRAC VALVE, R/U B&C QUICK TEST, PRESSURE TEST CSG AND FRAC VALVE TO 70003 , HOLD 15 MIN, OK, R/D TESTER, (stg #1) R/U CASED HOLE WIRELINE, RIH W/ PERF GUNS AND PERF THE MESAVERDE @ 8564'- 8568', 8538'- 8544', 4- SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 120" PHS, 40 HOLES, SWI SDFN,
	12:00 - 15:00	3.00	COMP	37	B	P		
11/11/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING #3 W/ FRAC CREW WIRELINE & RIG CREW, DAY 3,
	7:15 - 15:00	7.75	COMP	36		Z		SUPERIOR BLENDER BROKE DN, SUCTION MANIFOLD BROKE, WAIT FOR DIFF. BLENDER, SUPERIOR HAD WELDER COME OUT WELD MANIFOLD, MANIFOILD BROKE PUT BACK ON BLENDER, SUPERIOR HAVE TROUBLE W/ BLENDER IN YARD, WILL NOT FRAC TODAY, SHI SDFN,
11/12/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING W/ FRAC WIRELINE AND RIG CREW, DAY #4
	7:15 - 7:45	0.50	COMP	36	E	P		(STG #1) SUPERIOR FRAC PRESSURE TEST SURFACE LINES TO 8000#, WHP = 1708 #, BRK DN PERF @ 4797# @ 5 B/M, INJ-RT = 44.6 B/M, INJ-P = 5188 #, PUMP 3 BBL 15% HCL AHEAD OF INJ, ISIP = 2652 #, F.G.= 0.75 , CALC ALL PERF OPEN, PUMP 761 BBLS SLK WTR & 20914 # OTTAWA SAND, ISIP = 2610 #, F.G.= 0.75 , NPI = -42 ,MP = 5985 #, MR = 49.7 B/M, AP = 4547 #, AR = 38.9 B/M, 15914 # 30/50 OTTAWA SD, 5000 # TLC SD, 46 GALS CLAYTREAT, 15 GALS FRW, 150 GALS NALCO SCALE INHIB, 8 GALS NALCO BIOCID,
	7:45 - 12:15	4.50	COMP	36	E	P		COMMENTS = LOST 3 PUMPS OUT OF 6 PUMPS (STG #2) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 8500', MISS RUN, PERF THE MESAVERDE @ 8468'- 8470', 8417'- 8219', 8362'- 8364', 8341'- 8343', 8284'- 8286', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 120" PHS, 40 HOLES, WHP = 899 #, BRK DN PERF @ 3889# @ 6 B/M, INJ-RT = 49.3 B/M, INJ-P = 6300 #, ISIP = 2706 #, F.G.= 0.76 , CALC 89% PERF OPEN, PUMP 757 BBLS SLK WTR & 25610 # OTTAWASAND, ISIP = 2638 #, F.G.= 0.76 , NPI = -68 , MP = 6563 #, MR = 50.1 B/M, AP = 5453 #, AR = 48.4 B/M, 20610 # 30/50 OTTAWA SD, 5000 # TLC SD, 53 GALS CLAYTREAT, 16 GALS FRW, 100 GALS NALCO SCALE INHIB, 29 GALS NALCO BIOCID, COMMENTS = WIRELINE HAD SHORT IN CABLE HEAD, 3 HOURS TO REHEAD

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OPERATION SUMMARY REPORT

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009		Spud Date: 7/6/2009	
Project: UTAH-UINTAH		Site: NBU 286 PAD		Rig Name No: MILES-GRAY 1/1	
Event: COMPLETION		Start Date: 11/9/2009		End Date: 11/14/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/D	MD From (ft)	Operation
	12:15 - 14:50	2.58	COMP	36	E	P		(STG #3) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 8060', PERF THE MESAVERDE @ 8228'- 8230', 8202'- 8204', 8154'- 8156', 8114'- 8116', 8076'- 8078', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 120* PHS, 40 HOLES, WHP = 945 #, BRKDN PERF @ 5103 # @ 6 B/M, INJ-RT = 48 B/M, INJ-P = 5600 #, ISIP = 2353 #, F.G. = 0.73 , CALC 93% PERF OPEN, PUMP 2009 BBLS SLK WTR & 76838 # OTTAWA SAND, ISIP = 2730 #, F.G.= 0.78 , NPI = 407 , MP = 8728 #, MR = 50.8 B/M, AP = 5237 #, AR = 48 B/M, 71838 # 30/50 OTTAWA SD, 5000 # TLC SD, 145 GALS CLAYTREAT, 41GALS FRW, 192 GALS NALCO SCALE INHIB, 82 GALS NALCO BIOCID, COMMENTS = SCREEN OFF, PUMP 76,838# SAND, @ 69,400# INTO FORMATION @ 90%, FLOWED WELL BK 20 MIN, RE FLUSH 150 BBLS,
	14:50 - 16:30	1.67	COMP	36	E	P		(STG #4) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 8036', PERF THE MESAVERDE @ 8004'- 2006', 7942'- 7944', 7900'- 7902', 7852'- 7854', 7797'- 7799', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 120* PHS, 40 HOLES, WHP = 564 #, BRK DN PERF @ 4460# @ 6 B/M, INJ-RT = 51.4 B/M, INJ-P = 6111 #, ISIP = 2246 #, F.G.= 0.73 , CALC 86% PERF OPEN, PUMP 920 BBLS SLK WTR & 34603 # OTTAWA SAND, ISIP = 2300 #, F.G.= 0.73 , NPI = 54 , MP = 6261 # MR = 52.2 B/M, AP = 4879 #, AR = 50.5 B/M, 29603 # 30/50 OTTAWA SD, 5000 # TLC SD, 67 GALS CLAYTREAT, 20 GALS FRW, 105 GALS NALCO SCALE INHIB, 38 GALS NALCO BIOCID, COMMENTS = GOOD JOB
	16:30 - 17:45	1.25	COMP	37	B	P		(PERF STG #5) RIH W/ HALLIBURTON 8K CBPS AND PERF GUNS, SET CBP @ 7603', PERF THE MESAVERDE @ 7570'- 7573', 7476'- 7480', 7372'- 7374', 7292'- 7294', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLES, 120* PHS, 44 HOLES, RIG WIRELINE TO SIDE OF RIG, SHUT WELL IN SDFN.
11/13/2009	7:00 - 7:15	0.25	COMP	48		P		JSA-SAFETY MEETING W/ FRAC PERF AND RIG CREWS
	7:15 - 7:45	0.50	COMP	36	E	P		(STG #5) SUPERIOR PRESSURE TEST SURFACE LINES TO 7500#, OK, BRK DN PERF @ 2160# @ 6 B/M, INJ-RT = 51.3 B/M, INJ-P = 5314#, ISIP = 2008#, F.G.= 0.71, CALC 90% PERF OPEN, PUMP 720 BBLS SLK WTR & 26396# OTTAWA SAND, ISIP = 2358#, F.G.= 0.76, NPI = 350, MP = 5890#, MR = 52.3 B/M, AP = 4940#, AR = 51.4 B/M, 21396# 30/50 OTTAWA SD, 5000# TLC SD, 51 GALS CLAYTREAT, 15 GALS FRW, 92 GALS NALCO SCALE INHIB, 30 GALS NALCO BIOCID, COMMENTS = GOOD JOB

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US OFFSHORE REGION Operation Summary Report

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009	Spud Date: 7/6/2009
Project: UTAH-UINTAH	Site: NBU 286 PAD		Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 11/9/2009	End Date: 11/14/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	PAU	MD From (ft)	Operation
	7:45 - 9:30	1.75	COMP	36	E	P		(STG # 6) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP # 7190', PERF THE MESAVERDE @ 7159'- 7161', 7080'- 7082', 7026'- 7032', 4-SPF, USING 3 3/8" EXP GUNS, 23 gm, 0.36 HOLE, 120 * PHS, 44 HOLES, WHP = 845#, BRK DN PERF @ 3561# 2 6 B/M, INJ-RT = 50 B/M, INJ-P = 4200#, ISIP = 2260#, F.G.= 0.76, CALC ALL PERF OPEN, PUMP 1497 BBLS SLK WTR, & 55758# OTTAWA SAND, ISIP = 1971#, F.G.= 0.72, NPI = -289, MP = 5887#, MR = 50.9 B/M, AP = 3998#, AR = 50.2 B/M, 50758# 30/50 OTTAWA SD, 5000# TLC SD, 134 GALS CLAYTREAT, 65 GALS FRW, 114 GALS NALCO SCALE INHIB, 65 GALS NALCO BIOCID COMMENTS = RAN OUT OF SAND, @ 28,000# SHORT,
	9:30 - 12:00	2.50	COMP	34	I	P		(KILL PLUG) RIH W/ HALLIBURTON 8K CBP, SET CBP @ 6976', POOH, R/D WIRELINE AND FRAC CREW, TOTAL FLUID = 6664 BBLS SLK WTR, TOTAL SAND = 232,681# OTTAWA SAND TOTAL CLAYTREAT = 496 GALS TOTAL FRW = 172 GALS TOTAL NALCO SCALE INHIB = 751 GALS TOTAL NALCO BIOCID = 252 GALS N/D FRAC VALVE, N/U BOPS, R/U TBG EQUIP, P/U 3 7/8" BIT W/ POBS, TIH W/ 2 3/8" TBG TO @ 6970', R/U POWER SWIVEL AND DRILLING EQUIP, SWI SDFN, JSA-SAFETY MEETING #6, DAY 6
	12:00 - 15:00	3.00	COMP	31	I	P		
11/14/2009	7:00 - 7:15	0.25	COMP	48		P		

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US PRODUCTION SERVICE

Operation Summary Report

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009	Spud Date: 7/6/2009
Project: UTAH-UINTAH	Site: NBU 286 PAD		Rig Name No: MILES-GRAY 1/1
Event: COMPLETION	Start Date: 11/9/2009	End Date: 11/14/2009	
Active Datum: RKB @5,137.00ft (above Mean Sea Level)		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/O	W/D From (ft)	Operation
	7:15 - 16:30	9.25	COMP	44	C	P		<p>NO PRESSURE ON WELL, TAG CBP @ 6976', ESTB CIRC DN TBG OUT CSG,</p> <p>(DRLG CBP #1) 6976', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 0 # DIFF, RIH TAG @ 7160', C/O 31' SAND, CIRC WELL CLEAN, FCP = 0#,</p> <p>(DRLG CBP #2) 7191', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 75# DIFF, RIH TAG @ 7573', C/O 30' SAND, FCP = 75#,</p> <p>(DRLG CBP #3) 7603', DRILL OUT HALLIBURTO 8K CBP IN 10 MIN, 75# DIFF, RIH TAG @ 8006', C/O 30' SAND, FCP = 150#,</p> <p>(DRLG CBP #4) 8036', DRILL OUT HALLIBURTON 8K CBP IN 15 MIN, 50# DIFF, RIH TAG @ 8230', C/O @ 30' SAND, FCP = 200#,</p> <p>(DRLG CBP #5) 8260', DRILL OUT HALLIBURTON 8K CBP IN 15 MIN, 25# DIFF, RIH TAG @ 8470', C/O @ 30' SAND, FCP = 225#,</p> <p>(DRLG CBP #6) 8500', DRILL OUT HALLIBURTON 8K CBP IN 20 MIN, 100# DIFF, RIH TAG @ 8646', C/O 100' SAND TO PBTD @ 8746', FCP = 450#,</p> <p>CIRC WELL CLEAN, R/D POWER SWIVEL, POOH LAY DN 62 JTS ON TRAILER, LAND TBG W/ HANGER W/ 219 JTS 2 3/8" J-55 TBG, EOT @ 6785.40', R/D TBG EQUIP, N/D BOPS, DROP BALL DN TBG, N/U WELL HEAD, PUMP OFF BIT @ #, WAIT 30 MIN FOR BIT TO FALL TO BTM, OPEN WELL TO TK ON 20/64 CHOKE, FTP = 550 #, SICP = 1850 #, TURN WELL OVER TO FBC @ 4:00 P.M., W/ 5,704 BBLS WTR LTR, AVG 16 MIN / PLUG W/ @ 35' SAND,</p> <p>291 JTS 2 3/8" J-55 TBG DELV. 219 JTS 2 3/8" J-55 TBG LANDED 72 JTS 2 3/8" J-55 TBG RETURNED</p> <p>KB = 18.00' HANGER = .83' 219 JTS 2 3/8" J-55 TBG = 6764.37' XN-NIPPLE POBS FAST ED = 2.20'</p> <p>EOT = 6785.40'</p>
11/15/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2900#, TP 2050#, 20/64" CK, 30 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED: 2276 BBLS LEFT TO RECOVER: 4988</p>
11/16/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 2650#, TP 1975#, 20/64" CK, 30 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED: 2966 BBLS LEFT TO RECOVER: 4298</p>
	14:40 -		PROD	50				<p>WELL TURNED TO SALE @ 1440 HR ON 11/16/09 - FTP 1800#, CP 1900#, 2700 MCFD, 15 BWPD, 20/64 CK</p>
11/17/2009	7:00 -			33	A			<p>7 AM FLBK REPORT: CP 1200#, TP 1800#, 20/64" CK, 15 BWPH, MEDIUM SAND, 2.7 GAS TTL BBLS RECOVERED: 3391 BBLS LEFT TO RECOVER: 3873</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000			
PHONE NUMBER: 720 929-6515 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/28/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Wellhead Repair </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Wellhead Repair
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests approval to conduct wellhead/casing repair operations on the subject well location. Please find the attached procedure for the proposed repair work on the subject well location.					
Accepted by the Utah Division of Oil, Gas and Mining Date: 07/11/2011 By:					
NAME (PLEASE PRINT) Gina Becker		PHONE NUMBER 720 929-6086			
SIGNATURE N/A		TITLE Regulatory Analyst II			
DATE 6/28/2011					

WORKORDER #:

Name: NBU 1022-3FT
Surface Location: SEWNW Sec. 3, T10S, R22E
 Uintah County, UT

6/16/2011

API: 4304740149 **LEASE#:** UTU-01191

ELEVATIONS: 5119' GL 5137' KB

TOTAL DEPTH: 8793' **PBTD:** 8746'

SURFACE CASING: 9 5/8", 36# J-55 @ 2303'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 @ 8790'
 TOC @ 40' per CBL

PERFORATIONS: Mesaverde 7026' – 8568'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

1246' Green River
 1978' Mahogany
 4323' Wasatch
 6780' Mesaverde

NBU 1022-3FT- WELLHEAD REPAIR PROCEDURE

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.
2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.
3. Open casing valve and record pressures.
4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.
5. Open the relief valve and blow well down to the atmosphere.
6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.
7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.
2. Kill well with 10# brine / KCL (dictated by well pressure).
3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.
4. POOH w/ tubing laying down extra tubing.
5. Rig up wireline service. RIH and set CBP @ ~6976'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service. TIH w/ tubing and seating nipple. Land tubing ±60' above cement. RDMO.
6. Monitor well pressures. If surface casing is dead. MIRU. ND WH and NU BOP. POOH w/ tubing.
7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

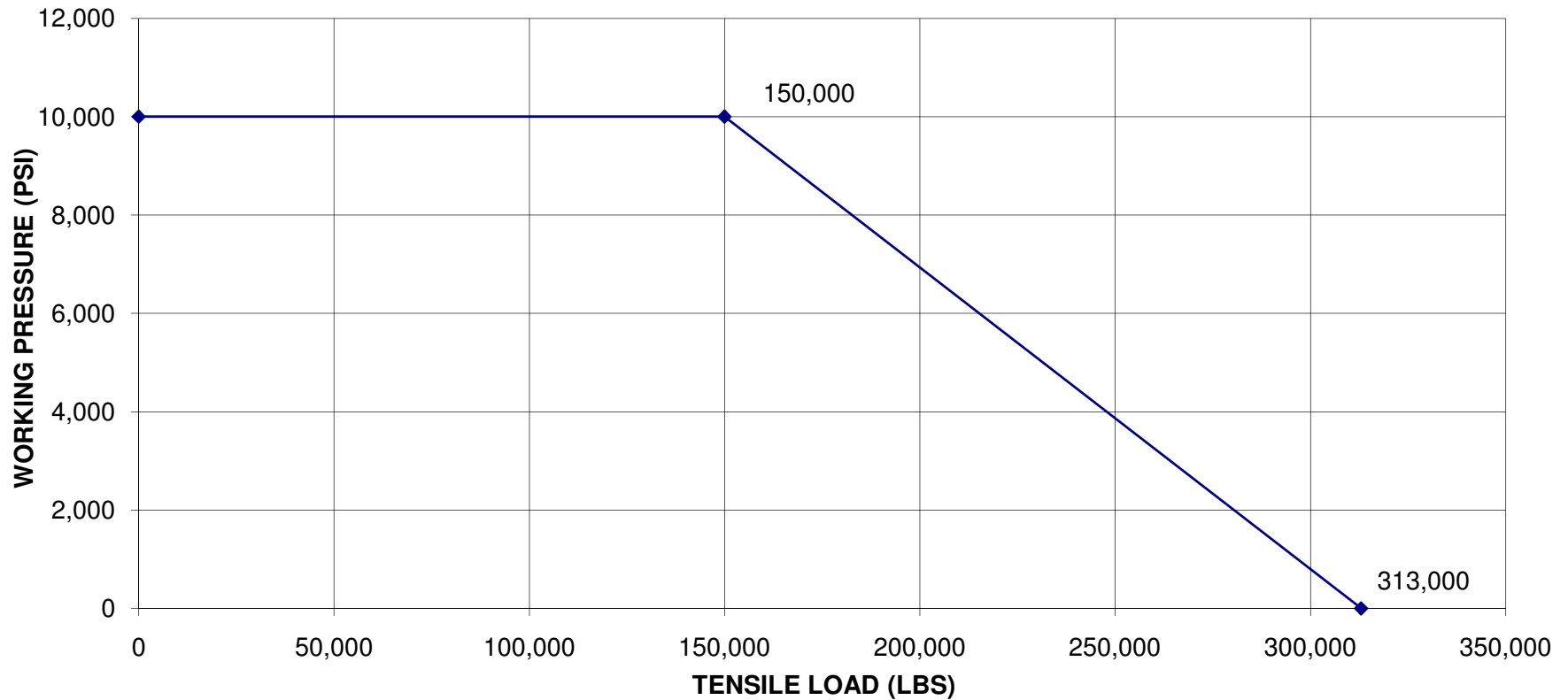
1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.
2. POOH, LD cutters and casing.
3. PU 7 3/8" overshoot with 4 1/2" right hand standard wicker grapple, 1 - 4 3/4" drill collar with 3 1/2" IF threads, pup joint, manual bumper sub, and crossovers. If casing cut is deeper than ±30' utilize >7000 ft-lb torque pipe as needed. Pull a minimum of 10,000# to keep grapple engaged if cement top is high (<~900'). If cement top is low (>~900'), more weight will be required to put casing in neutral. Torque casing string to ±7000 ft-lbs, count number of turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ±7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out, release overshoot, POOH, and lay down.
4. TIH w/ skirted mill and dress off the fish top for approximately 1/2 hour. TOOH.
5. PU & RIH w/ 4 1/2" 10k external casing patch on 4 1/2" P-110 casing. Ensure that sliding sleeve assembly shifts ±3' and casing tags no-go portion of patch. NOTE: Shear pins will shear at 3500 to 4500 lbs.
6. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 3500 psi.
7. Install slips. Land casing w/ 80,000# tension.
8. Cut-off and dress 4 1/2" casing stub.
9. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~6926'. Clean out to PBTD (8746').
10. POOH, land tbg and pump off POBS.
11. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.
2. POOH, LD cutters and casing.
3. PU 4 1/2" overshoot. RIH, latch fish. Pick string weight to neutral.
4. MIRU casing crew and wireline services. RIH and shoot string shot at casing collar @ ± 46'.
5. Back-off casing, POOH.

6. PU new casing joint with buttress threads and entry guide and RIH. Tag casing top. Thread into casing and torque up to ± 7000 ft-lbs, count number of additional turns to make-up, and document in the daily report. Ensure that tongs are safely anchored to rig and that all personnel are at a safe working distance from the tongs during torque-up and torque release. After initial make-up, place pipe torque to neutral and mark pipe. Place ± 7000 ft-lbs on casing a second time, count turns, then return pipe torque to neutral and count turns. Repeat if torque-up turns do not equal torque release turns. Once torque-in equals torque-out go to step 7.
7. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 3500 psi.
8. Install slips. Land casing w/ 80,000# tension.
9. Cut-off and dress 4 1/2" casing stub.
10. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~6926'. Clean out to PBTD (8746').
11. POOH, land tbg and pump off POBS.
12. NUWH, RDMO. Turn well over to production ops.

**STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000**



COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

RECEIVED Jun. 28, 2011



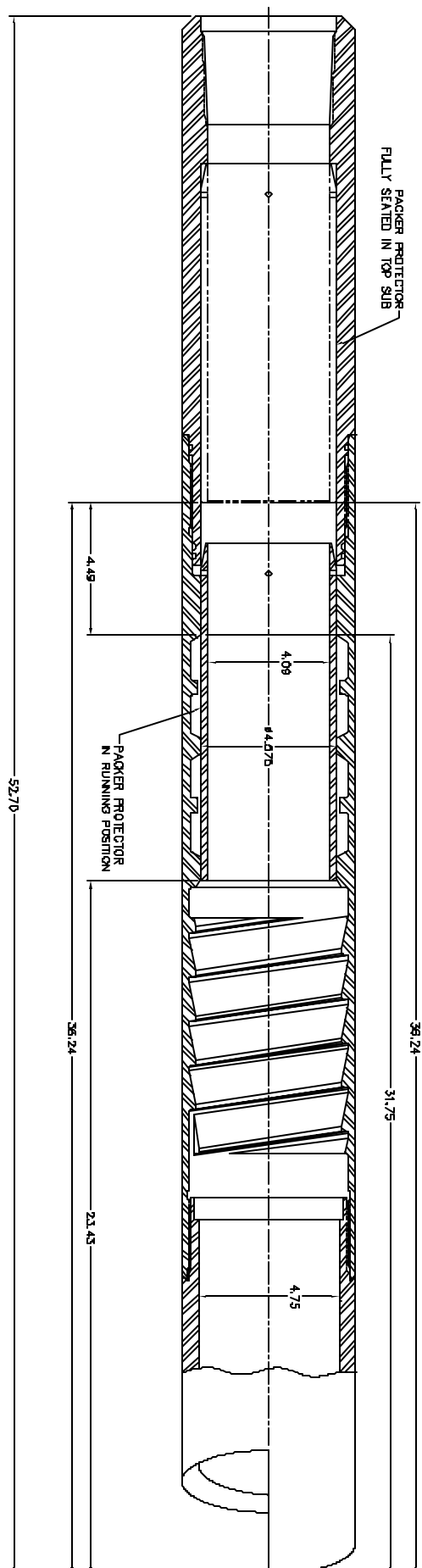
Logan High Pressure Casing Patches Assembly Procedure

All parts should be thoroughly greased before being assembled.

1. Install all four Logan Type "L" Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.
2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type "L" Packers.
3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.
4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.
5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.
6. Install the Cutlipped Guide into the lower end of the Bowl.
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.
8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.

510L-005-001 4-1/2" LOGAN HP CASING PATCH



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000
PHONE NUMBER: 720 929-6511		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the wellhead/casing repairs on the subject well location. Please see the attached chronological history for the details of the operations.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 24, 2012		
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regularatory Analyst
SIGNATURE N/A	DATE 1/24/2012	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-3FT				Spud Conductor: 7/2/2009				Spud Date: 7/6/2009				
Project: UTAH-UINTAH				Site: NBU 286 PAD					Rig Name No: LEED 698/698			
Event: WELL WORK EXPENSE				Start Date: 8/23/2011					End Date: 8/26/2011			
Active Datum: RKB @5,137.00ft (above Mean Sea Leve				UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0								
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation				
8/23/2011	12:00 - 12:30	0.50	ALL	30	A	P		ROAD RIG F/ NBU 1022-3DT TO NBU 1022-3FT.				
	12:30 - 12:45	0.25	ALL	48		P		HSM, REVIEW MOVING EQUIPMENT, RU				
	12:45 - 13:30	0.75	ALL	30	A	P		MIRU.				
	13:30 - 14:30	1.00	ALL	47	A	P		FCP.110 PSI. FTP. 110 PSI. BLEW TBG DWN, CONTROL TBG W/ 10 BBLs, ND WH, NU BOP'S, RU FLOOR & TBG EQUIPMENT.				
	14:30 - 16:45	2.25	ALL	31	I	P		UNLAND TBG HANGER, POOH 273 JTS. 2-3/8 J-55 TBG, LD XN NIPPLE.				
	16:45 - 18:00	1.25	ALL	34	I	P		RU J-W WIRELINE COMPANY, RIH 4-1/2 BAKER 10K CIBP & SET @ 6950', POOH TOOLS, RD J-W WIRELINE COMPANY, FILL CSG W/ T-MAC, P.T. PLUG TO 3000 PSI. HELD, SWI, SDFN.				
8/24/2011	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW BACK-OFF PROCEDURE				
	7:30 - 8:00	0.50	ALL	47	A	P		RD FLOOR & TBG EQUIPMENT, ND BOP'S W/ CSG BOWL, RU PWR SWVL.				
	8:00 - 9:00	1.00	ALL	31	B	P		PU 4-1/2 INTERNAL CSG CUTTER & RIH, CUT CSG 3' F/ SURFACE, LD PWR SWVL, POOH, LD CUTTER & CSG MANDRAL, CMT TOP @ SURFACE.				
	9:00 - 11:15	2.25	ALL	46	E	P		W/O WEATHERFORD TOOL.				
	11:15 - 12:00	0.75	ALL	44	A	P		RU PWR SWVL, PU 7-5/8 SHOE & 1 JNT 7-3/8 WASH PIPE, D/O 13' CMT F/ SURFACE CSG, LD WASH PIPE & SHOE, RD PWR SWVL,				
	12:00 - 13:30	1.50	ALL	31	B	P		PU 4-1/2 OVERSHOT, RIH & LATCH FISH, PU STRING WEIGHT, MIRU CSG CREW , BACK-OFF CSG PUP JNT, PU NEW CSG PUP JNT, TAG CSG TOP, THREAD INTO CSG, TORQUE CSG TO 7000# W/ 13 ROTATIONS, PU CSG TO 100,000# TENSION.				
	13:30 - 14:30	1.00	ALL	33	C			RU B&C QUICK TEST, P.T. 4-1/2 CSG TO 1000 PSI. FOR 15 MINS, LOST 12.5 PSI. IN 15 MINS, P.T. 4-1/2 CSG TO 3500 PSI. FOR 30 MINS, LOST 32.5 PSI. IN 30 MINS, RD B&C QUICK TEST.				
	14:30 - 17:00	2.50	ALL	47	C	P		SET C-22 SLIPS, LAND 4-1/2 CSG W/ 80,000# TENSION, CUT-OFF CSG & DRESS CSG STUB, NU CSG BOWL & BOP'S, RU FLOOR & TBG EQUIPMENT, SWI, SDFN.				
8/25/2011	7:00 - 7:15	0.25	ALL	48		P		HSM, REVIEW FOAM UNIT.				
	7:15 - 9:00	1.75	ALL	31	I	P		PU 3-7/8 MILL, RIH 225 JTS. 2-3/8 J-55 TBG, TAG CIBP @ 6950'.				
	9:00 - 9:20	0.33	ALL	47	A	P		RU PWR SWVL, INSTALL TSF.				
	9:20 - 9:30	0.17	ALL	31	H	P		RU TECH FOAM, ESTABLISH CIRC IN 10 MINS				
	9:30 - 12:30	3.00	ALL	44	C	P		D/O CIBP @ 6950' IN 2 HRS 45 MINS, HAD 100 PSI. INCREASE, KILL TBG, LD PWR SWVL, REMOVE TSF,				
	12:30 - 13:30	1.00	ALL	31	I	P		RIH REMAINING 48 JTS. 2-3/8 J-55 TBG, TAG SCALE @ 8545', RU PWR SWVL, INSTALL TSF, ESTABLISH CIRC IN 15 MINS,				
	13:30 - 17:30	4.00	ALL	44	D	P		C/O HARD BARIUM SCALE F/ 8545' TO 8590' (45') FELL THROUGH, RIH & TAG SAND @ 8681', C/O TO 8716', TAG OLD POBS, CIRC HOLE CLEAN, RD PWR SWVL, POOH & LD 8 JTS. ON TRAILER, REMOVE TSF, EOT 8490' W/ 273 JTS. IN WELL, SWI, SDFN.				
8/26/2011	8:00 - 8:30	0.50	ALL	48		P		HSM, REVIEW HAZARD MATERIAL				

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009		Spud Date: 7/6/2009	
Project: UTAH-UINTAH		Site: NBU 286 PAD			Rig Name No: LEED 698/698
Event: WELL WORK EXPENSE		Start Date: 8/23/2011		End Date: 8/26/2011	
Active Datum: RKB @5,137.00ft (above Mean Sea Leve		UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	8:30 - 17:00	8.50	ALL	31	I	P		<p>SICP. 1100 PSI. SITP. 600 PSI. BLEW TBG DWN, CONTROL TBG W/ 10 BBLS, POOH 273 JTS. 2-3/8 J-55 TBG, LD MILL, PU 1.875 XN (POBS) & RIH 137 JTS. 2-3/8 J-55 TBG, EOT @ 4250', RU SWAB EQUIPMENT, RIH 1.9 BROACH TO 4250', POOH LD SWAB EQUIPMENT, RIH REMAINING 136 JTS. 2-3/8 J-55 T BG, RU SWAB EQUIPMENT, RIH 1.9 BROACH TO 4220', POOH & RD SWAB EQUIPMENT, LAND TBG HANGER, RD FLOOR & TBG EQUIPMENT, ND BOP'S, NU WH, RDMO. MOVE TO NBU 1022-8GT.</p> <p>TBG DETAIL</p> <p>KB-----18' CAMERON HANGER-----83" 273 JTS. 2-3/8 J-55 TBG @-----8468.29' 1.875 XN (POBS)-----2.20' EOT @-----8489.32' WLTR. 100 BBLS. TOP PERF @ 7026' BTM PERF @ 8568' C/O TO 8716' TAG OLD POBS. PBSD @ 8746' API # 4304740149-00-S1</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191																														
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES																														
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 1022-03FT																														
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		9. API NUMBER: 43047401490000																														
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514	9. FIELD and POOL or WILDCAT: NATURAL BUTTES																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		COUNTY: UINTAH STATE: UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION	TYPE OF ACTION																															
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/14/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table><tbody><tr><td><input type="checkbox"/> ACIDIZE</td><td><input type="checkbox"/> ALTER CASING</td><td><input type="checkbox"/> CASING REPAIR</td></tr><tr><td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td><td><input type="checkbox"/> CHANGE TUBING</td><td><input type="checkbox"/> CHANGE WELL NAME</td></tr><tr><td><input type="checkbox"/> CHANGE WELL STATUS</td><td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td><td><input type="checkbox"/> CONVERT WELL TYPE</td></tr><tr><td><input type="checkbox"/> DEEPEN</td><td><input type="checkbox"/> FRACTURE TREAT</td><td><input type="checkbox"/> NEW CONSTRUCTION</td></tr><tr><td><input type="checkbox"/> OPERATOR CHANGE</td><td><input type="checkbox"/> PLUG AND ABANDON</td><td><input type="checkbox"/> PLUG BACK</td></tr><tr><td><input type="checkbox"/> PRODUCTION START OR RESUME</td><td><input type="checkbox"/> RECLAMATION OF WELL SITE</td><td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td></tr><tr><td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td><td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td><td><input checked="" type="checkbox"/> TEMPORARY ABANDON</td></tr><tr><td><input type="checkbox"/> TUBING REPAIR</td><td><input type="checkbox"/> VENT OR FLARE</td><td><input type="checkbox"/> WATER DISPOSAL</td></tr><tr><td><input type="checkbox"/> WATER SHUTOFF</td><td><input type="checkbox"/> SI TA STATUS EXTENSION</td><td><input type="checkbox"/> APD EXTENSION</td></tr><tr><td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td><td><input type="checkbox"/> OTHER</td><td>OTHER: <input type="text"/></td></tr></tbody></table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to temporarily abandon the subject well location in order to drill the NBU 1022-3F pad. Please see attached procedure. <div>Accepted by the Utah Division of Oil, Gas and Mining Date: August 20, 2012 By: <u>Derek Quist</u></div>																																
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst																														
SIGNATURE N/A	DATE 8/14/2012																															

Well Name: NBU 1022-3FT
Surface Location: SENW Sec. 3, T10S, R22E
Uintah County, UT

8/14/12

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304740149 **LEASE#:** U-01191
ELEVATIONS: 5119' GL 5137' KB
TOTAL DEPTH: 8793' **PBTD:** 8746'
SURFACE CASING: 9 5/8", 36# J-55 @ 2303'
PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8790'
TOC @ Surface per CBL
PRODUCTION TUBING: 2 3/8" J-55 TBG @ 8489' (Workover rpt 8/26/11)
PERFORATIONS: MESAVERDE 7026' - 8568'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# J-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01

GEOLOGICAL TOPS:

4323' Wasatch
6780' Mesaverde

NBU 1022-3FT TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCID. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE MV PERFORATIONS (7026' – 8568')**: RIH W/ 4 ½" CBP. SET @ ~6980'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 8.7 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~6880'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT TOP OF WASATCH (4323')**: PUH TO ~4430'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4220' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 8/14/12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000
PHONE NUMBER: 720 929-6511		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/11/2013	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
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<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the temporary abandonment operations on the subject well location on 7/11/2013. This well was plugged in order to expand and drill the NBU 1022-3F Pad wells. Please see the attached chronological well history for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 21, 2013		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 8/20/2013	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-3FT			Spud Conductor: 7/2/2009			Spud Date: 7/6/2009		
Project: UTAH-UINTAH			Site: NBU 1022-03F PAD				Rig Name No: MILES 2/2	
Event: ABANDONMENT			Start Date: 7/9/2013				End Date: 7/11/2013	
Active Datum: RKB @5,137.00usft (above Mean Sea Level)			UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
7/9/2013	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLIPS, TRIPS & FALLS, RIGGING UP, SCAN TBG
	7:15 - 14:30	7.25	ABANDT	45	A	P		MIRU, SPOT EQUIP, CONTROL WELL W/ TMAC, ND WH, NU BOP, RU FLOOR & TBG EQUIP, MIRU SCANNERS, SCANNED 273 JTS J-55 TBG, 177 JTS YELLOW, 77 JTS BLUE, 19 JTS RED, LITE INTER SCALE 36 - 184, LITE EXTER SCALE 21 - 226, 251 - 271, MED - HEAVY EXTER SCALE 227 - 250, RDMO SCAN TECH
	14:30 - 17:00	2.50	ABANDT	34	I	P		MIRU CUTTERS, RUN 3.70" G/R TO 7,000' POOH, RIH & SET HAL 10K CBP @ 6,980' POOH, RDMO CUTTERS, SWI, SDFN.
7/10/2013	7:00 -							REMOVE PRODUCTION FACILITIES TO PREPARE LOCATION FOR PAD DRILLING
	7:00 - 7:15	0.25	ABANDT	48		P		HSM, SLIPS, TRIPS & FALLS, WORKING AROUND SLICKLINE
	7:15 - 10:00	2.75	ABANDT	35	E	P		LAT 39.97948, LONG 109.42902, MIRU MULTI SHOT, RUN GYRO TO 6,980', RDMO.
	10:00 - 12:00	2.00	ABANDT	31	I	P		RIH W/ TBG TO 6,980', FILL & ROLL HOLE W/ 120 BBLS TMAC, P/T CSG TO 500 PSI, TEST GOOD
	12:00 - 18:00	6.00	ABANDT	51	D	P		MIRU NABORS, 1ST BALANCE PLUG @ 6,970' PUMP 1 BBL FRESH, 8 SKS 15.9# CLASS G CMT, DISPLACE W/ 26.5 BBLS FRESH TOC @ 6,864', L/D 81 JTS, 2ND BALANCE PLUG @ 4,430', PUMP 1 BBL FRESH, 16 SKS 15.9# CLASS G CMT, DISPLACE W/ 16.2 BBLS FRESH TOC @ 4,218', L/D TBG, RD FLOOR & TBG EQUIP, ND BOP, NU WN, SDFN, WILL LOWER & REMOVE WH IN AM 7/11/13
7/11/2013	-							

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191
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2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-03FT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2099 FNL 1823 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 03 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047401490000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/26/2014	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME		
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 The subject well was temporarily abandoned to drill and complete the NBU 1022-3F Pad. On 2/18/2014 well work had completed drilling out plugs and returned the well to production on 02/26/2014. Please see attached daily summary.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 11, 2014

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 3/10/2014	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1022-3FT				Spud Conductor: 7/2/2009				Spud Date: 7/6/2009			
Project: UTAH-UINTAH				Site: NBU 1022-03F PAD				Rig Name No:			
Event: ABANDONMENT				Start Date: 12/15/2013				End Date: 2/18/2014			
Active Datum: RKB @5,137.00usft (above Mean Sea Level)				UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation			
12/15/2013	7:00 -							REBUILD PROD. FACILITIES TO RETURN WELL TO PRODUCTION			
2/13/2014	6:45 - 7:00	0.25	ABANDT	48		P		HSM. ROADING RIG.			
	7:00 - 11:30	4.50	ABANDT	30	G	P		ROAD RIG F/ NBU 184 T/ NBU 1022-3FT. SPOT EQUIP.			
	11:30 - 13:30	2.00	ABANDT	53	B	W		CALL BLUE MTN SERV. FILL IN HOLES AROUND WELL HEAD.			
	13:30 - 17:00	3.50	ABANDT	31	I	P		RU RIG. PREP & TALLY NEW 23/8 J-55 TBG. PU 37/8 MILL, POBS & 1.875 XN (remove dart valve in pobs). RIH W/ 138 JTS 23/8 J-55 TBG, TAG 1st CMT PLUG @ 4385'. RU DRL EQUIP. SWIFN.			
2/14/2014	6:45 - 7:00	0.25	ABANDT	48		P		HSM. STAY CLEAR WHEN POWER SWIVEL IS TURNING.			
	7:00 - 12:00	5.00	ABANDT	44	A	P		OPEN WELL 0 PSI. BRK REV CIRC. DRL OUT 1st CMT PLUG F/ 4384' T/ 4490'. REV CIRC CLEAN. CONT RIH. TAG 2nd CMT PLUG @ 6826'. DRL OUT CMT F/ 6826' T/ THE TOP OF ISO PLUG @ 6970'. REV CIRC WELL CLEAN. CHANGE CIRC T/ CONV CIRC. DRL OUT ISO PLUG @ 6970'. WELL WENT ON A VACCUM. CONT RIH. TAG FILL @ 8554'. RU DRL EQUIP. RU GROSS FOAM UNIT. ATTM T/ BRK CONV CIRC W/ FU. PRESSURED ON TBG W/ FU. TRY T/ PUMP TBG CLEAR W/ RIG PUMP. PRESSURED UP T/ 2000 PSI. WORK PIPE T/ CLEAR TBG. WOULD NOT CLEAR. BLEED OFF PSI. STD BCK DRL EQUIP. POOH W/ 24 STD'S. EOT @ 7020'. SWIFHWE.			
2/18/2014	6:45 - 7:00	0.25	ABANDT	48		P		HSM. CLEAR COMMUNICATION W/ FU OPERATOR & DRILLER.			
	7:00 - 8:30	1.50	ABANDT	34	H	P		SICP = 1775 PSI. BLOW WELL DOWN T/ PIT. MIRU CUTTERS WL. PU 1' TBG PUNCH, 4 SPF. RIH PERF TBG F/ 6600'- 01'. TBG WENT ON A VACCUM. POOH W/ WL. RDMO CUTTERS WL.			

US ROCKIES REGION

Operation Summary Report

Well: NBU 1022-3FT		Spud Conductor: 7/2/2009		Spud Date: 7/6/2009	
Project: UTAH-UINTAH		Site: NBU 1022-03F PAD			Rig Name No:
Event: ABANDONMENT		Start Date: 12/15/2013		End Date: 2/18/2014	
Active Datum: RKB @5,137.00usft (above Mean Sea Level)			UWI: SE/NW/0/10/S/22/E/3/0/0/6/PM/N/2,099.00/W/0/1,823.00/0/0		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	8:30 - 12:00	3.50	ABANDT	31	I	P		CONT POOH W/ TOTAL OF 271 JTS J-55. LD PLUGED XN, POBS & MILL. XO TBG EQUIP. PU 37/8 MILL, POBS W/OUT DART VALVE & 1.875 XN. RIH W/ 209 JTS 23/8 TBG @ 6600'. UNLOAD WELL W/ FU. CONT RIH TAG FILL @ 8554. BRK CONV CIRC W/ FU. CO 163' T/ 8717'. STOP MAKING HOLE (OLD POBS @ 8717'). CIRC WELL CLEAN. RD DRL EQUIP. POOH LD 9 JTS 23/8 J-55 TBG. PU 71/16 TBG HNGR. LAND TBG W/ KB =====> 18.00 71/16 TBG HNGR =====> 1.00 268 JTS J-55 TBG =====> 8438.75 1.875 XN NIP, 1/2 BOPS =====> 2.20 EOT @ 8459' ND BOP, NU WH. DROP BALL. PUMP BIT OFF W/ 900 PSI. SWI FOR PSI BUILD UP. SDFN.